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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/789,031	02/26/2004	John M. Vranish	GSC 14,480-1	7142		
21872 7590 04/19/2006  NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT ROAD, MAIL CODE 140.1			EXAMINER			
			JOYCE, WILLIAM C			
GREENBELT, MD 20771		2 140.1	ART UNIT	PAPER NUMBER		
·			3682			
				DATE MAILED: 04/19/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

PTOL-1432 (Rev. 04-01)	Notice of A	bandonment	Part of Paper No. 0417
Petitions to revive under 37 CFR 1.137(a) or (b), or minimize any negative effects on patent term.  U.S. Patent and Trademark Office	requests to withdraw th	ne holding of abandonment under 37	CFR 1.181, should be promptly filed
		W. V PF	Alliam C. JOYCE RIMARY EXAMINER
			4
7. The reason(s) below:	e no allowed claims.		
6. The decision by the Board of Patent App of the decision has expired and there are		e rendered on and becau	se the period for seeking court re
5. The letter of express abandonment whic 1.34(a)) upon the filing of a continuing ap		orney or agent (acting in a repre	sentative capacity under 37 CFR
4. The letter of express abandonment which the applicants.	h is signed by the at	torney or agent of record, the as	signee of the entire interest, or all
(b) ☐ No corrected drawings have been red	ceived.		
(a) Proposed corrected drawings were reafter the expiration of the period for re	eply.	ith a Certificate of Mailing or Tra	nsmission dated), which is
3. Applicant's failure to timely file corrected Allowability (PTO-37).			
(c) ☐ The issue fee and publication fee, if a	applicable, has not b	een received.	
The issue fee required by 37 CFR 1	I.18 is \$ The	publication fee, if required by 37	7 CFR 1.18(d), is \$
(b) ☐ The submitted fee of \$ is insuff	icient. A balance of	\$ is due.	
(a) The issue fee and publication fee, in the issue fee and publication fee and in the issue fee and publication fee and in the issue fee and publication fee and in the issue fee and in the issu			cate of Mailing or Transmission d and publication fee) set in the Notic
2. Applicant's failure to timely pay the requifrom the mailing date of the Notice of Alle	owance (PTOL-85).		
(d) ⊠ No reply has been received.			
(c) A reply was received on but it final rejection. See 37 CFR 1.85(a) a			empt at a proper reply, to the non-
(A proper reply under 37 CFR 1.113 fapplication in condition for allowance Continued Examination (RCE) in com	; (2) a timely filed No	otice of Appeal (with appeal fee);	
(b) A proposed reply was received on		, , , ,	, ,
Applicant's failure to timely file a proper (a) ☐ A reply was received on (with period for reply (including a total exte	a Certificate of Mailinsion of time of	ng or Transmission dated month(s)) which expired on _	), which is after the expiration of
This application is abandoned in view of:			
The MAILING DATE of this com	munication appear	s on the cover sheet with the	correspondence address
	v	filliam C. Joyce	3682
Notice of Abandonmer	7.F	xaminer	Art Unit
	1,	0/789,031	VRANISH, JOHN M.
	Α	pplication No.	Applicant(s)